

Renewable Energy





POWERING OUR COMMUNITY WITH CLEAN RENEWABLE ENERGY

About 83 percent of electricity used in San José homes and businesses each




year comes from limited, nonrenewable sources and generates nearly 1.3 million metric tons of carbon dioxide. Switching to 100 percent clean, renewable energy sources will dramatically reduce the City's carbon footprint, while lessening our dependency on fossil fuels.

Renewable energy comes from naturally replenished resources and emits little or no greenhouse gases. Innovation and investment are key to providing affordable, renewable energy to the community, and in achieving this goal, the City will improve the environment, create local jobs, strengthen energy security and boost the economy.

WHAT WE ARE DOING

-  Residents, businesses and the City installed more than 44 megawatts of solar throughout San José.
-  Financing solar installations on City facilities using Power Purchase Agreements
-  Testing other renewable sources, such as wind, biogas and organic waste, through pilot partnership projects.
-  City leaders adopted a Strategic Energy Action Plan as a blueprint for reaching the renewable energy goal.

GET INVOLVED

-  Maximize financial assistance through tax credits and incentives.
-  Learn more through www.GoSolarCalifornia.org.
-  For more information on resources and workshops, visit www.sanjoseca.gov/ESD.

ABOUT THE GREEN VISION

The San José Green Vision, a 15-year plan adopted in 2007, charts ambitious goals for clean tech jobs, energy use reduction, renewable energy, green building, waste reduction, water reuse, sustainable development, clean fleet, trees, zero emission streetlights and interconnected trails. The plan is designed to lead us into a future of economic growth, environmental sustainability and an enhanced quality of life for our community.

Learn more: <http://greenvision.sanjoseca.gov/>

GOAL

Receive 100% of our electrical power from clean, renewable sources

HIGHLIGHTS

- As a Solar America City, San José provided tours of the Green Vision Clean Energy Showcase to nearly 7,000 residents, business managers, and students
- In recognition of the San José SunShares program, in conjunction with the City's overall Green Vision, the Silicon Valley/San Jose Business Journal 2011 Energy Award has named San José the Best Conservation Leader - Public Sector



CONTACT INFO:

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GREEN VISION GOALS

BY THE YEAR 2022:

-  1. Create 25,000 Clean Tech jobs as the World Center of Clean Tech Innovation
-  2. Reduce per capita energy use by 50 percent
-  3. Receive 100 percent of our electrical power from clean renewable sources
-  4. Build or retrofit 50 million square feet of green buildings
-  5. Divert 100 percent of the waste from our landfill and convert waste to energy
-  6. Recycle or beneficially reuse 100 percent of our wastewater (100 million gallons per day)
-  7. Adopt a General Plan with measurable standards for sustainable development
-  8. Ensure that 100 percent of public fleet vehicles run on alternative fuels
-  9. Plant 100,000 new trees and replace 100 percent of our streetlights with smart, zeroemission lighting
-  10. Create 100 miles of interconnected trails

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